



2611/JDW  
Gruenbach

Patent  
PD-201033  
Customer No. 020991

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen

Serial No.: 10/532,524

371(C) Filing Date: April 25, 2005

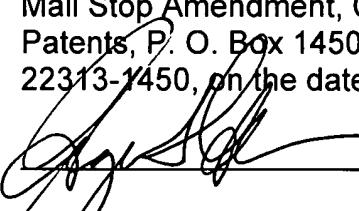
For: AMPLITUDE AND PHASE  
MATCHING FOR LAYERED  
MODULATION RECEPTION

Group Art Unit: 2611

Examiner: PATEL, Jayanti K.

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Mail Stop Amendment, Commissioner for  
Patents, P. O. Box 1450, Alexandria, VA  
22313-1450, on the date below.

  
Georgann S. Grunebach

Typed or printed name of person signing certificate

Date: October 20, 2006

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

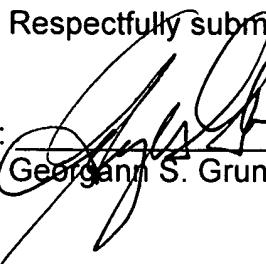
This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:

  
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October 20, 2006

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|--|--|----------------------------------|-------------------|
| Substitute for form PTO/SB/08A<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |  | Complete if Known                |                   |
|  |  | Application Number               | 10/532,524        |
|  |  | Filing Date                      | April 25, 2005    |
|  |  | First Named Inventor             | Ernest Chen       |
|  |  | Art Unit                         | 2611              |
|  |  | Examiner Name                    | PATEL, Jayanti K. |
| Date: October 20, 2006   |  |                                  |                   |
| Sheet 1 of 1   |  | Attorney Docket Number PD-201033 |                   |

#### U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Document Number<br>Number-Kind Code | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures<br>Appear |
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#### FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Foreign Patent Document<br>Country Code-Number-Kind<br>Code | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns,<br>Lines, Where<br>Relevant Passages<br>or Relevant Figures<br>Appear | T |
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|                    |          | WO 2005/074171  | 08-2005                        | Qualcomm Incorporated                              |   |   |
|                    |          |   |                                |  |   |   |
|                    |          |   |                                |  |   |   |
|                    |          |   |                                |  |   |   |

#### NON PATENT LITERATURE DOCUMENTS

|                    |          |   |   |
|--------------------|----------|---|---|
| Examiner Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
|                    |          | THE AUTHORITIVE DICTIONARY OF IEEE STANDARDS TERMS; Seventh Edition, pp. 1047 – definition of "signal"  |   |

|                    |  |                 |
|--------------------|--|-----------------|
| Examiner Signature |  | Date Considered |
|--------------------|--|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.